

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	4	(DIETER.in. or MAISCH.in.) and (exhaust near4 gas) and (engine) and (pump\$4) and (piston) and (piezo or piezoelectric\$4)	US-PGPU B; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/13 09:10
S2	24	(DIETER.in. or MAISCH.in.) and (exhaust near4 gas) and (engine) and (pump\$4) and (piston)	US-PGPU B; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/13 09:10
S3	327	(exhaust near4 gas) and (engine) and (pump\$4) and (piston) and (piezo or piezoelectric\$4)	US-PGPU B; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/09 08:49
S4	0	(exhaust near4 gas) and (engine) and (pump\$4) and (piston) and (piezo or piezoelectric\$4) and (reduct\$4 near4 agent)	US-PGPU B; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/13 09:11
S5	3	(exhaust near4 gas) and (engine) and (pump\$4) and (piston) and (piezo or piezoelectric\$4) and (reduc\$4 near4 agent)	US-PGPU B; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/13 09:12
S6	3	(exhaust near4 gas) and (engine) and (piston) and (piezo or piezoelectric\$4) and (reduc\$4 near4 agent)	US-PGPU B; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/13 09:12

S7	3	(exhaust near4 gas) and (engine) and (pump\$4) and (piston) and (piezo or piezoelectric\$4) and ((60/286.ccls.) or (60/303.ccls.) or (60/295-297.ccls.))	US-PGPU B; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/13 09:13
S8	3	(exhaust near4 gas) and (engine) and (piston) and (piezo or piezoelectric\$4) and ((60/286.ccls.) or (60/303.ccls.) or (60/295-297.ccls.))	US-PGPU B; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/13 09:13
S9	18	(exhaust near4 gas) and (engine) and (piezo or piezoelectric\$4) and ((60/286.ccls.) or (60/303.ccls.) or (60/295-297.ccls.))	US-PGPU B; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/13 09:14
S10	35	(exhaust near4 gas) and (engine) and (piezo or piezoelectric\$4) and (60/272-324.ccls.)	US-PGPU B; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/13 12:00
S11	35	(exhaust near4 gas) and (engine) and (piezo\$4 or piezoelectric\$4) and (60/272-324.ccls.)	US-PGPU B; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/13 12:00
S12	165	(exhaust near4 gas) and (engine) and (piezo\$4 or piezoelectric\$4) and (exhaust near3 pipe)	US-PGPU B; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/13 12:03

S13	27	(exhaust near4 gas) and (engine) and (piezo\$4 or piezoelectric\$4) and (exhaust near3 pipe) and (meter\$4 near4 (fuel of reduct\$4))	US-PGPU B; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/13 12:06
S14	27	(exhaust near4 gas) and (engine) and (piez\$4 or piezoelectric\$4) and (exhaust near3 pipe) and (meter\$4 near4 (fuel of reduct\$4))	US-PGPU B; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/13 12:06
S15	46	(exhaust near4 gas) and (engine) and (piez\$4 or piezoelectric\$4) and (exhaust near3 system) and (meter\$4 near4 (fuel of reduct\$4))	US-PGPU B; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/13 12:55
S16	0	(exhaust near4 gas) and (engine) and (piez\$4 or piezoelectric\$4) and (exhaust near3 system) and (60/272-324.ccls. and "239"/\$.ccls.)	US-PGPU B; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/13 12:56
S17	15	(exhaust near4 gas) and (engine) and (exhaust near3 system) and (60/272-324.ccls. and "239"/\$.ccls.)	US-PGPU B; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/13 12:56
S18	22	(exhaust near4 gas) and (engine) and (60/272-324.ccls. and "239"/\$.ccls.)	US-PGPU B; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/13 12:58

S19	7	S18 not S17	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/01/13 12:58
S20	511	(exhaust near4 gas) and (engine) and (pump\$4) and (inject\$4) and (piezo or piezoelectric\$4)	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/02/07 11:38
S21	343	(exhaust near4 gas) and (engine) and (pump\$4) and (injector) and (piezo or piezoelectric\$4)	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/02/08 09:11
S22	36	(exhaust near4 gas) and (engine) and (piezo or piezoelectric\$4) and (60/272-324.ccls.)	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/02/07 11:40
S23	149	(exhaust near4 gas) and (engine) and (pump\$4) and (injector) and (piezo or piezoelectric\$4) and (exhaust near4 (system or pipe))	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/02/08 09:11
S24	149	(exhaust near4 gas) and (engine) and (pump\$4) and (injector) and (piezo or piezoelectric\$4) and (exhaust near4 (system or pipe))	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/02/08 09:11

S25	344	(exhaust near4 gas) and (engine) and (pump\$4) and (injector) and (piezo or piezoelectric\$4)	US-PGPU B; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/08 09:12
S27	98	S24 not shell	US-PGPU B; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/08 13:24
S28	51	"4,955,339"	US-PGPU B; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/08 13:17
S29	2	"4955339".pn.	US-PGPU B; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/08 13:23
S30	2387220	"26" not "27"	US-PGPU B; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/08 13:23
S31	344	(exhaust near4 gas) and (engine) and (pump\$4) and (injector) and (piezo or piezoelectric\$4)	US-PGPU B; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/08 13:24

S32	278	S31 not shell	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/02/08 13:24
S33	149	(exhaust near4 gas) and (engine) and (pump\$4) and (injector) and (piezo or piezoelectric\$4) and (exhaust near4 (system or pipe))	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/02/08 13:24
S34	98	S33 not shell	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/02/08 13:25
S35	51	S33 not S34	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/02/08 13:25
S36	180	S32 not S33	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/02/08 13:27
S37	0	S36 and (60/272-324.ccls.)	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/02/08 13:28

S38	40	(60/272-324.ccls.) and (piezo or piezoelectric\$4)	US-PGPU B; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/08 13:28
S39	40	(60/272-324.ccls.) and (piez\$4 or piezoelectric\$4)	US-PGPU B; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/08 13:28
S40	160	(exhaust near4 gas) and (engine) and (pump\$4) and (piston) and (piezo or piezoelectric\$4) and (hous\$4 and chamber)	US-PGPU B; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/09 08:57
S41	26	(exhaust near4 gas) and (engine) and (pump\$4) and (piston) and (piezo or piezoelectric\$4) and (hous\$4 and chamber) and (collar)	US-PGPU B; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/09 08:54
S42	19	(exhaust near4 gas) and (engine) and (pump\$4) and (piston) and (piezo or piezoelectric\$4) and (hous\$4 and chamber) and (collar) and (check near4 valv\$4)	US-PGPU B; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/09 08:50
S43	19	(exhaust near4 gas) and (engine) and (pump\$4) and (piston) and (piezo or piezoelectric\$4) and (hous\$4 and chamber) and (collar) and (check\$4 near4 valv\$4)	US-PGPU B; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/09 08:50

S44	65	(exhaust near4 gas) and (engine) and (pump\$4) and (piston) and (piezo or piezoelectric\$4) and (hous\$4 and chamber) and (exhaust near4 (pipe or manifold))	US-PGPU B; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/09 08:57
S45	63	(exhaust near4 gas) and (engine) and (pump\$4) and (piston) and (piezo or piezoelectric\$4) and (hous\$4 and chamber) and (exhaust near4 (pipe or manifold)) and (connect\$4)	US-PGPU B; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/09 08:58
S46	42	S45 not S41	US-PGPU B; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/09 08:58
S47	7	("3904347"   "4345431"   "4541239"   "4557108"   "4608013"   "4622811"   "4651524").PN.	US-PGPU B; USPAT; USOCR	OR	ON	2005/02/09 10:53
S48	3	("4912920").URPN.	USPAT	OR	ON	2005/02/09 10:53
S49	11	("3924598"   "4363307"   "4414940"   "4478190"   "4480620"   "4492193"   "4492194"   "4501239"   "4621599"   "4691674"   "4785784").PN.	US-PGPU B; USPAT; USOCR	OR	ON	2005/02/09 10:53
S50	45	("4955339").URPN.	USPAT	OR	ON	2005/02/09 10:53
S51	9	("3682142"   "4099489"   "4442801"   "4918916"   "4971009"   "5153834"   "5183011"   "5218941"   "5222481").PN.	US-PGPU B; USPAT; USOCR	OR	ON	2005/02/09 10:53
S52	16	("5394852").URPN.	USPAT	OR	ON	2005/02/09 10:54

S53	23	("3597165"   "3896616"   "3945204"   "4452040"   "4526323"   "4541239"   "4909440"   "4981267"   "5155994"   "5189876"   "5193340"   "5201300"   "5201802"   "5205492"   "5209061"   "5233830"   "5313792"   "5332554"   "5349816"   "5412946"   "5522218"   "5578277").PN.	US-PGPU B; USPAT; USOCR	OR	ON	2005/02/09 10:54
S54	3	("5787708").URPN.	USPAT	OR	ON	2005/02/09 10:54
S55	7	("3598506"   "3924974"   "4748954"   "4821726"   "4899714"   "5192197"   "5482213").PN.	US-PGPU B; USPAT; USOCR	OR	ON	2005/02/09 10:54
S56	1	("6146102").URPN.	USPAT	OR	ON	2005/02/09 10:55
S57	7	("5207185"   "5305714"   "5343699"   "5357908"   "5394852"   "5488932"   "5692458").PN.	US-PGPU B; USPAT; USOCR	OR	ON	2005/02/09 10:55
S58	11	("6155212").URPN.	USPAT	OR	ON	2005/02/09 10:55
S59	15	("3598506"   "3924974"   "4082481"   "4499878"   "4635849"   "4649886"   "4748954"   "4821726"   "4899714"   "4939405"   "5004945"   "5020724"   "5036821"   "5192197"   "5482213").PN.	US-PGPU B; USPAT; USOCR	OR	ON	2005/02/09 10:56
S60	2	("6293255").URPN.	USPAT	OR	ON	2005/02/09 10:56
S61	4	("5605042"   "6050088"   "6192677"   "6279603").PN.	US-PGPU B; USPAT; USOCR	OR	ON	2005/02/09 10:56
S62	0	("6513323").URPN.	USPAT	OR	ON	2005/02/09 10:57

S63	33	("3656693"   "3906725"   "4075982"   "4139157"   "4185779"   "4271675"   "4324208"   "4496292"   "4644878"   "4693224"   "4825828"   "4836453"   "4848658"   "4917307"   "4978074"   "5035360"   "5046472"   "5056488"   "5218824"   "5540047"   "5605042"   "5613363"   "5622155"   "5634597"   "5884475"   "6050088"   "6073862"   "6161527"   "6167698"   "6192677"   "6200535"   "6311484"   "RE34945").PN.	US-PGPU B; USPAT; USOCR	OR	ON	2005/02/09 10:57
S64	6	("6311484").URPN.	USPAT	OR	ON	2005/02/09 10:57
S65	13	("4854123"   "4955183"   "5021227"   "5038562"   "5522218"   "5605042"   "5643536"   "5771689"   "5809775"   "5826428"   "5992141"   "6119448"   "6192677").PN.	US-PGPU B; USPAT; USOCR	OR	ON	2005/02/09 10:57
S66	1	("6539708").URPN.	USPAT	OR	ON	2005/02/09 10:58
S67	0	("2004/0103641").URPN.	USPAT	OR	ON	2005/02/09 10:58
S68	13	("4605166"   "4784102"   "4798186"   "4957085"   "5067658"   "5156132"   "5537972"   "5660368"   "5694903"   "5819704"   "5860597"   "5890471"   "6021760").PN.	US-PGPU B; USPAT; USOCR	OR	ON	2005/02/09 10:58
S69	3	("6293254").URPN.	USPAT	OR	ON	2005/02/09 10:58
S70	7	("3520641"   "3753426"   "4463727"   "4538580"   "4550744"   "4588908").PN.	US-PGPU B; USPAT; USOCR	OR	ON	2005/02/09 10:58
S71	12	("4660523").URPN.	USPAT	OR	ON	2005/02/09 10:59

S72	4	("5027778"   "5220899"   "5495839"   "5666920").PN.	US-PGPU B; USPAT; USOCR	OR	ON	2005/02/09 10:59
S73	7	("6032652").URPN.	USPAT	OR	ON	2005/02/09 10:59